



OPEN MEETING

REGULAR MEETING OF THE THIRD LAGUNA HILLS MUTUAL LANDSCAPE COMMITTEE

**Thursday, January 4, 2023 at 9:30 a.m.
24351 El Toro Road, Laguna Woods, CA
Board Room and Virtual with Zoom**

Laguna Woods Village owners/residents are welcome to participate in all open committee meetings in-person and virtually. To submit comments or questions virtually for committee meetings, please use one of the following options:

1. Join the committee meeting via Zoom by clicking this link:
<https://zoom.us/j/92325659805>
2. Via email to meeting@vmsinc.org any time before the meeting is scheduled to begin or during the meeting. Please use the name of the committee in the subject line of the email. Name and unit number must be included.

NOTICE AND AGENDA

This Meeting May Be Recorded

1. Call Meeting to Order
2. Approval of the Agenda
3. Approval of the Meeting Report from December 7, 2023
4. Remarks of the Chair
5. Department Head Update
 - a. Project Log
 - b. Water Use Comparison
 - c. Tree Work Status Report
6. Member Comments
7. Response to Member Comments
8. Items for Discussion and Consideration
 - a. Wildflower Pilot Program
 - b. Artificial Turf
 - c. Transition Plant List

9. Items for Future Agendas: *All matters listed under Future Agenda Items are items for a future committee meeting. No action will be taken by the committee on these agenda items at this meeting.*

10. Committee Member Comments

11. Date of Next Meeting: Thursday, February 1, 2024 at 9:30 a.m.

12. Adjournment

*A quorum of the Third Board or more may also be present at the meeting.

Ira Lewis, Chair
Kurt Wiemann, Staff Officer
Megan Feliz, Landscape Administrative Assistant
Telephone: 949-268-2565



OPEN MEETING

**REGULAR MEETING OF THE THIRD LAGUNA HILLS MUTUAL
LANDSCAPE COMMITTEE**

Thursday, December 7, 2023 at 9:30 a.m.

BOARD ROOM/VIRTUAL MEETING

Laguna Woods Village Community Center, 24351 El Toro Road

REPORT

COMMITTEE MEMBERS PRESENT: Chair- Ira Lewis, Ralph Engdahl, Brad Rinehart,
S.K. Park

COMMITTEE MEMBERS ABSENT: Moon Yun

OTHERS PRESENT: None.

ADVISORS PRESENT: None.

STAFF PRESENT: Kurt Wiemann, Megan Feliz

1. Call Meeting to Order

Chair Lewis called the meeting to order at 9:30 a.m.

2. Approval of Agenda

Director Park made a motion to approve the agenda. Director Lewis seconded. The meeting agenda was approved by unanimous consent.

3. Approval of the October 11, 2023 Report

Director Park made a motion to approve the meeting report. Director Rinehart seconded. The committee was in unanimous support.

4. Remarks of the Chair

Chair Lewis had no remarks.

5. Department Head Update

5a. Project Log

Mr. Wiemann discussed the provided Project Log in detail. Members made comments and asked questions.

5b. Water Use Comparison

Mr. Wiemann discussed the provided Water Use Chart in detail. Members made comment and asked questions.

5c. Tree Work Status Report

No remarks made.

5d. Labor Hours July vs October

Mr. Wiemann presented a power point presentation. Directors made comments and asked questions.

5e. Rain Hours Lost

Mr. Wiemann presented a power point presentation. Directors made comments and asked questions.

5f. Ticket Cost Breakdown

Mr. Wiemann presented a power point presentation. Directors made comments and asked questions.

6. Member Comments

One member made comment regarding the slope in the back of their manor.

7. Response to Member Comments

Mr. Wiemann responded to the comments.

8. Items for Discussion and Consideration**8a. 3231-D Landscape Alteration Request**

Discussion ensued, the committee asked questions of Mr. Wiemann. Director Park made a motion to approve the request per staff recommendation. Director Rinehart seconded. The motion passed unanimously.

8b. Wildflower Pilot Program

The directors asked questions and had discussions. Director Lewis asked Mr. Wiemann to bring back the cost per parcel to next meeting. The item will be on hold until next meeting.

8c. Artificial Turf

Discussion ensued, Mr. Wiemann suggested the committee do research on the topic. The committee agreed, item will be on hold until next meeting.

9. Items for Future Agendas

- Wildflower Pilot Program
- Artificial Turf

10. Committee Member Comments

Several comments were made.

11. Date of Next Meeting: Thursday, January 4, 2024, at 9:30 a.m.

12. Adjourned at 10:48 a.m.

Ira Lewis

Ira Lewis (Dec 7, 2023 17:26 PST)

Ira Lewis

Ira Lewis, Chair

Kurt Wiemann, Staff Officer

Megan Feliz, Landscape Administrative Assistant

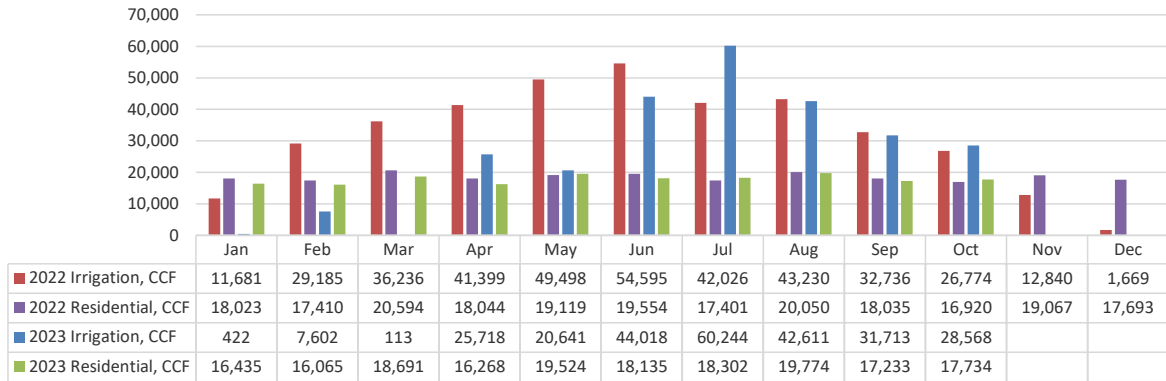
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Third Mutual Landscape Project Log January 2024									
Project	Contractor	Description	Status	Estimated Completion	Completion	Budget Status	Budget	YTD*	Balance
Tree Maintenance	Great Scott Tree Services, Inc.	The annual program, a combination of contracted work and in-house staff, working on a 6 year species-based trim cycle. Contractor performs mainly scheduled annual maintenance and isolated removals. Staff crew focuses on customer service.		Annual Program	0%	0%	\$578,588	\$0	\$578,588
	In-House Tree Crew				0%	0%	\$401,600	\$0	\$401,600
Landscape Modernization	Staff	Elimination of highest water using turf areas; replacing with water efficient landscapes. Replacing old, end of useful life plant material using drought tolerant where appropriate	On-going annual project using in-house crews.	Annual Program	0%	0%	\$200,293	\$0	\$200,293
Slope Maintenance Outsourced	Mission Landscape	Annual Maintenance	In progress, on schedule.	Annual Program	0%	0%	\$568,152	\$0	\$568,152
Prior To Paint Program	TBD	Annual Maintenance	RFP in progress.	Annual Program	0%	0%	\$1,750,000	\$0	\$1,750,000
Fire Risk Reduction	Mission Landscaping/FRS/Staff	Project includes the removal of vegetation with a high risk of fire.		Annual Program	0%	0%	\$180,000	\$0	\$180,000

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Third Mutual Water Consumption 2022 - 2023 Trends



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Third Mutual Off Schedule Tree Work						
Date	Manor	Description	Tree Type	Labor Hours	Reason	Decision Level
10/19/2023	3286	Hanger	Red ironbark	4	Hanger in canopy	Staff
10/23/2023	3396	Hanger	Silver Dollar	3	Hanger in canopy	Staff
10/24/2023	2222	Removal	Windmill Palm	2	In decline	Staff
10/24/2023	2278	Removal	Red alder	2	In decline	Staff
10/24/2023	2278	Removal	Chitalpa	3	In decline	Staff
10/24/2023	2257	Removal	Pink flame tree	10	In decline	Staff
10/24/2023	2266	Removal	Queen Palm	6	In decline	Staff
10/24/2023	2377	Removal	Star pine and Ficus	6	In decline	Staff
10/24/2023	2177	Clearance	White Mulberry	2	Clear, end weight	Staff
10/24/2023	2307	Clearance	California Pepper	2	Clear, end weight	Staff
10/24/2023	2113	Clearance	Rusty Leaf	1	Clear, end weight	Staff
10/25/2023	2386	Hanger	Stone Pine	4	Hanger in canopy	Staff
10/25/2023	5085	Removal	Weeping Fig	12	In decline	Staff
10/25/2023	5118	Trim	Magnolia	3	Full trim	Staff
10/25/2023	5298	Hanger	Stone Pine	4	Hanger in canopy	Staff
10/25/2023	3120	Removal	Austrialian Willow	8	In decline	Staff
10/26/2023	3503	Removal	Loquat	2	In decline	Staff
10/26/2023	3503	Removal	Juniper	1	In decline	Staff
10/26/2023	3504	Removal	Queen Palm	2	In decline	Staff
10/26/2023	3293	Trim	Bushy Yate	10	Full trim	Staff
10/26/2023	3364	Removal	Schefflera	6	In decline	Staff
10/26/2023	3417	Removal	Flame Tree	2	In decline	Staff
10/26/2023	3421	Clearance	Magnolia	2	Clear, end weight	Staff
10/26/2023	3421	Clearance	Two Rusty Leaf fig	5	Clear, end weight	Staff
10/26/2023	3304	Clearance	Chinese elm	2	Clear, end weight	Staff
10/26/2023	3142	Clearance	Mulberry	3	Clear, end weight	Staff
10/26/2023	3177	Hanger	Crape myrtle	1	Hanger in canopy	Staff
10/27/2023	2404	Removal	Three Queen Palms	3	In decline	Staff
10/27/2023	2404	Removal	Three Queen Palms	3	In decline	Staff
10/27/2023	2404	Trim	Three Queen Palms	3	Full trim	Staff
10/27/2023	2405	Trim	Three Queen Palms	3	Full trim	Staff
10/27/2023	2405	Trim	Two Queen Palms	2	Full trim	Staff
10/30/2023	2391	Trim	Stone Pine	10	Full trim	Staff
10/30/2023	2391	Trim	Stone Pine	10	Full trim	Staff
10/30/2023	2391	Trim	Stone Pine	11	Full trim	Staff
10/31/2023	2391	Trim	Stone Pine	15	Full trim	Staff
10/31/2023	2393	Trim	Stone Pine	13	Full trim	Staff
10/31/2023	2393	Hanger	Austrialian Willow	3	Hanger in canopy	Staff
11/2/2023	3205	Removal	Shamel Ash	11	Uprooted	Staff
11/2/2023	3000	Hanger	California Sycamore	2	Hanger in canopy	Staff
11/2/2023	3007	Trim	Camphor Tree	3	Full trim	Staff
11/2/2023	3221	Hanger	American Sweet Gum	1	Hanger in canopy	Staff
11/2/2023	5498	Trim	Crape myrtle	2	Full trim	Staff
11/2/2023	5498	Trim	Crape myrtle	2	Full trim	Staff
11/2/2023	5498	Clearance	Indian Laurel Fig	1	Clear, end weight	Staff
11/2/2023	5498	Clearance	Indian Laurel Fig	1	Clear, end weight	Staff
11/2/2023	5515	Trim	Fan Palm	1	Full trim	Staff
11/2/2023	5515	trim	Fan Palm	1	Full trim	Staff

11/2/2023	5515	Trim	Mediterran Palm	1	Full trim	Staff
11/2/2023	5515	Trim	Mediterran Palm	1	Full trim	Staff
11/2/2023	5515	Clearance	Canary Island Pine	1	Clear, end weight	Staff
11/2/2023	5515	Clearance	Canary Island Pine	1	Clear, end weight	Staff
11/2/2023	5515	Hanger	Fern Pine	1	Hanger in canopy	Staff
11/2/2023	5538	Hanger	Fern Pine	1	Hanger in canopy	Staff
11/2/2023	5898	Clearance	Fern Pine	1	Clear, end weight	Staff
11/2/2023	3160	Removal	Lemon Tree	2	Resale Request	Staff
11/2/2023	3177	Removal	Lemon Tree	2	Resale Request	Staff
11/2/2023	3454	Removal	Lemon Tree	2	Resale Request	Staff
11/2/2023	3454	Removal	Orange Tree	2	Resale Request	Staff
11/2/2023	3454	Removal	Orange Tree	2	Resale Request	Staff
11/3/2023	3414	Hanger	Red ironbark	2	Hanger in canopy	Staff
11/6/2023	2353	Clearance	Bottlebrush	2	Clear, end weight	Staff
11/8/2023	2345	Trim	Two Forest Pensy	3	Full trim	Staff
11/8/2023	3105	Hanger	Rusty Leaf	2	Hanger in canopy	Staff
11/8/2023	3220	Hanger	Evergreen Pear	2	Hanger in canopy	Staff
11/9/2023	5518	Trim	Red ironbark	16	Full trim	Staff
11/9/2023	5518	Trim	Silver Dollar	16	Full trim	Staff
11/9/2023	5518	Trim	Silver Dollar	20	Full trim	Staff
11/9/2023	2401	Hanger	Canary Island Pine	3	Hanger in canopy	Staff
11/9/2023	5570	Hanger	Fern Pine	2	Hanger in canopy	Staff
11/9/2023	5518	Clearance	Carob Tree	5	Clear, end weight	Staff
11/9/2023	5518	Clearance	Jacaranda	2	Clear, end weight	Staff
11/9/2023	5545	Clearance	Jacaranda	2	Clear, end weight	Staff
11/9/2023	3410	Clearance	Fern Pine	2	Clear, end weight	Staff
11/9/2023	3359	Removal	Four Edible Figs	3	Resident Request	Staff
11/13/2023	3000	Removal	Sycamore	7	In decline	Staff
11/13/2023	3204	Removal	Sycamore	10	In decline	Staff
11/13/2023	3204	Removal	Austrialian Willow	4	In decline	Staff
11/14/2023	5377	Removal	Red Flowering Gum	12	In decline	Staff
11/14/2023	3459	Removal	Black Locus	13	In decline	Staff
11/14/2023	3185	Removal	Lime Tree	2	Resale Request	Staff
11/14/2023	3072	Trim	Two Liquid Ambers	8	Full trim	Staff
11/15/2023	4006	Removal	Monterrey Pine	0	In Decline	Staff
11/16/2023	5487	Hanger	Silver Dollar	2	Hanger in canopy	Staff
11/16/2023	3315	Trim	Aleppo Pine	10	Full trim	Staff
11/16/2023	3299	Trim	Red ironbark	10	Full trim	Staff
11/16/2023	3298	Trim	Silver Dollar	10	Full trim	Staff
11/16/2023	5433	Clearance	Jacaranda	3	Clear, end weight	Staff
11/16/2023	5433	Clearance	Austrialian Willow	2	Clear, end weight	Staff
11/17/2023	3317	Trim	Eucalyptus	7	Full trim	Staff
11/17/2023	3171	Trim	Queen Palm	2	Full trim	Staff
11/17/2023	3171	Trim	Queen Palm	2	Full trim	Staff
11/17/2023	5288	Clearance	New Zealand	2	Clear, end weight	Staff
11/17/2023	3120	Clearance	Brazilian Pepper	2	Clear, end weight	Staff
11/17/2023	2205	Hanger	Stone Pine	2	Hanger in canopy	Staff
11/17/2023	2111	Clearance	Juniper	2	Clear, end weight	Staff
11/17/2023	2111	Clearance	Juniper	2	Clear, end weight	Staff
11/17/2023	2196	Clearance	Wilson Holly	2	Clear, end weight	Staff
11/17/2023	2089	Trim	Rhaphiolepis	2	Full trim	Staff



STAFF REPORT

DATE: January 4, 2024
FOR: Landscape Committee
SUBJECT: Wildflower Planting Pilot Project

RECOMMENDATION

Provide Direction to Staff

BACKGROUND

With the recent passage of AB 1572 (Attachment 1), effectively banning all nonfunctional turf irrigated by potable water and Southern California's on-going water supply issues. Third Mutual needs to find cost effective and attractive ways to reduce the acreage of turf within the mutual.

This report and attachments were reviewed by the Landscape Committee on December 7, 2023. The Committee directed staff to investigate cost differences if the project size was reduced to one plot. Staff costs would be reduced proportionately as they are a square foot calculation. The contractor cost for the large plot would remain the same. The contractor is not interested in doing just the small plot at the quote given as the job would be too small for the travel involved.

DISCUSSION

Staff was directed by the Landscape Committee to investigate the practicality and costs of removing turf and replanting with CA native wildflowers.

Wildflowers, as the name suggests, is a reference to any flowering herbaceous species or woody ornamental growing wild within the native ecosystem of a given area. In the natural environment, they need no maintenance and survive on natural water sources such as rain, mist, and coastal eddies. They provide pollination opportunities for bees and other pollinators, and provide food and shelter for native birds and wildlife.

In non-native environments, adjacent to established plantings, they still provide some of the benefits as the native environment but can be more problematic. Within established landscape environments such as Third Mutual, the ecosystem is not necessarily ideal for wildflowers. Pests, such as insects, rodents, and weeds, are abundant and well-established. Additionally, although they flower, the appearance may not be as visually appealing as the established landscaping. Previous wildflower planting pilots in the Village required excessive hand weeding during the establishment period.

Staff recommends a pilot project to establish a baseline and expose residents to the potential of new landscaping methods in our changing environment. Due to the limited workforce and

pressing needs, staff recommends contracting the planting and beginning maintenance to a professional native habitat specialist.

Two locations (Attachment 2), were selected for the pilot; across from B3503 (2,750 square feet) and behind B3486 (6,677 square feet). Staff will be able to perform the grow-kill process and turf removal at an estimated cost of \$12,766. Staff has obtained a quote from a native habitat establishment contractor for soil prep and seed planting for \$5,500, for a total installation cost of \$18,266 (\$1.94 square foot). To ensure the success of the pilot and keep the plots weed free, the contractor has provided a quote for a six-month maintenance period for \$6,000.

FINANCIAL ANALYSIS

The total cost of preparation, planting, and maintenance is estimated to be \$24,266. If only the large plot is chosen, the removal costs would be \$9,042, planting costs would be \$3,896, for a total of installation cost of \$12,938. Six-month maintenance for the single plot would be \$3,541. The total installation and maintenance of the single, larger plot would be \$16,479.

There are sufficient funds in the supplemental funding provided in Resolution 03-23-137 and the approved unbudgeted expense of \$314,900 from water savings approved by the Board on October 17, 2023 to complete this pilot. As of the writing of this report, the Resolution Fund has a balance of \$16,577.50; the unbudgeted funds remain intact.

Prepared By: Kurt Wiemann, Director of Field Operations
Reviewed By: Megan Feliz, Department Administrative Assistant

ATTACHMENT(S)

Attachment 1: AB 1572
Attachment 2: B3503 Photographs
Attachment 3: B3486 Photographs

Assembly Bill No. 1572

CHAPTER 849

An act to amend Sections 10540, 10608.12, and 10608.22 of, to add Section 110 to, and to add Chapter 2.5 (commencing with Section 10608.14) to Part 2.55 of Division 6 of, the Water Code, relating to water.

[Approved by Governor October 13, 2023. Filed with Secretary of State October 13, 2023.]

LEGISLATIVE COUNSEL'S DIGEST

AB 1572, Friedman. Potable water: nonfunctional turf.

(1) Existing law establishes various state water policies, including the policy that the use of water for domestic purposes is the highest use of water.

This bill would make legislative findings and declarations concerning water use, including that the use of potable water to irrigate nonfunctional turf is wasteful and incompatible with state policy relating to climate change, water conservation, and reduced reliance on the Sacramento-San Joaquin Delta ecosystem. The bill would direct all appropriate state agencies to encourage and support the elimination of irrigation of nonfunctional turf with potable water.

(2) Existing law, the Integrated Regional Water Management Planning Act, authorizes a regional water management group to prepare and adopt an integrated regional water management plan in accordance with specified requirements, including, among other things, the identification and consideration of the water-related needs of disadvantaged communities in the area within the boundaries of the plan.

This bill would additionally require an integrated regional water management plan to address the identification and consideration of the water-related needs of owners and occupants of affordable housing, including the removal and replacement of nonfunctional turf.

(3) Existing law provides various findings and declarations of the Legislature related to sustainable water use and demand reduction. Existing law imposes various water use reduction requirements that apply to urban retail water suppliers, including a requirement that the state achieve a 20% reduction in urban per capita water use by December 31, 2020.

This bill would prohibit the use of potable water, as defined, for the irrigation of nonfunctional turf located on commercial, industrial, and institutional properties, other than a cemetery, and on properties of homeowners' associations, common interest developments, and community service organizations or similar entities, as specified. The bill would authorize the State Water Resources Control Board to create a form for compliance certification and would require owners of covered properties to certify their compliance, as specified. The bill would authorize a public water system, city, county, or city and county to enforce these provisions, as specified. The bill would require the Governor's Office of Business and Economic Development to support small and minority-owned businesses that provide services that advance compliance with these provisions.

Vote: majority Appropriation: no Fiscal Committee: yes Local Program: no

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

SECTION 1. Section 110 is added to the Water Code, to read:

110. (a) The Legislature hereby finds and declares all of the following:

(1) The use of potable water to irrigate nonfunctional turf is wasteful and incompatible with state policy relating to climate change, water conservation, and reduced reliance on the Sacramento-San Joaquin Delta ecosystem.

(2) The Governor reported in August 2022 that climate change will bring significant enduring reductions in California's water supply and that the state must take steps to respond to this reality.

(3) The State of Nevada enacted AB 356 in 2021 to prohibit the use of Colorado River water to irrigate nonfunctional turf on all properties except single-family residences by January 1, 2027.

(b) It is the intent of the Legislature that the irrigation of grasses for agricultural production shall not be limited by requirements to eliminate the use of potable water to irrigate nonfunctional turf.

(c) The Legislature hereby directs all appropriate state agencies to encourage and support the elimination of irrigation of nonfunctional turf with potable water.

SEC. 2. Section 10540 of the Water Code is amended to read:

10540. (a) A regional water management group may prepare and adopt an integrated regional water management plan in accordance with this part.

(b) A regional water management group may coordinate its planning activities to address or incorporate all or part of any of the following actions of its members into its plan:

(1) Groundwater management planning pursuant to Part 2.75 (commencing with Section 10750), groundwater sustainability planning pursuant to Part 2.74 (commencing with Section 10720), or other specific groundwater management authority.

(2) Urban water management planning pursuant to Part 2.6 (commencing with Section 10610).

(3) The preparation of a water supply assessment required pursuant to Part 2.10 (commencing with Section 10910).

(4) Agricultural water management planning pursuant to Part 2.8 (commencing with Section 10800).

(5) City and county general planning pursuant to Section 65350 of the Government Code.

(6) Stormwater resource planning that is undertaken pursuant to Part 2.3 (commencing with Section 10560).

(7) Other water resource management planning, including flood protection, watershed management planning, and multipurpose program planning.

(c) At a minimum, all plans shall address all of the following:

- (1) Protection and improvement of water supply reliability, including identification of feasible agricultural and urban water use efficiency strategies.
 - (2) Identification and consideration of the drinking water quality of communities within the area of the plan.
 - (3) Protection and improvement of water quality within the area of the plan, consistent with the relevant basin plan.
 - (4) Identification of any significant threats to groundwater resources from overdrafting.
 - (5) Protection, restoration, and improvement of stewardship of aquatic, riparian, and watershed resources within the region.
 - (6) Protection of groundwater resources from contamination.
 - (7) Identification and consideration of the water-related needs of disadvantaged communities and owners and occupants of affordable housing, including the removal and replacement of nonfunctional turf, as defined in Section 10608.12, in the area within the boundaries of the plan.
- (d) This section does not obligate a local agency to fund the implementation of any project or program.

SEC. 3. Section 10608.12 of the Water Code is amended to read:

10608.12. Unless the context otherwise requires, the following definitions govern the construction of this part:

- (a) "Affordable housing" has the same meaning as defined in Section 34191.30 of the Health and Safety Code.
- (b) "Agricultural water supplier" means a water supplier, either publicly or privately owned, providing water to 10,000 or more irrigated acres, excluding recycled water. "Agricultural water supplier" includes a supplier or contractor for water, regardless of the basis of right, that distributes or sells water for ultimate resale to customers. "Agricultural water supplier" does not include the department.
- (c) "Base daily per capita water use" means any of the following:
 - (1) The urban retail water supplier's estimate of its average gross water use, reported in gallons per capita per day and calculated over a continuous 10-year period ending no earlier than December 31, 2004, and no later than December 31, 2010.
 - (2) For an urban retail water supplier that meets at least 10 percent of its 2008 measured retail water demand through recycled water that is delivered within the service area of an urban retail water supplier or its urban wholesale water supplier, the urban retail water supplier may extend the calculation described in paragraph (1) up to an additional five years to a maximum of a continuous 15-year period ending no earlier than December 31, 2004, and no later than December 31, 2010.
 - (3) For the purposes of Section 10608.22, the urban retail water supplier's estimate of its average gross water use, reported in gallons per capita per day and calculated over a continuous five-year period ending no earlier than December 31, 2007, and no later than December 31, 2010.

- (d) "Baseline commercial, industrial, and institutional water use" means an urban retail water supplier's base daily per capita water use for commercial, industrial, and institutional users.
- (e) "CII water use" means water used by commercial water users, industrial water users, institutional water users, and large landscape water users.
- (f) "Commercial water user" means a water user that provides or distributes a product or service.
- (g) "Common area" means that portion of a common interest development or of a property owned or managed by a homeowners' association or a community service organization or similar entity that is not assigned or allocated to the exclusive use of the occupants of an individual dwelling unit within the property.
- (h) "Common interest development" has the same meaning as in Section 4100 of the Civil Code.
- (i) "Community service organization or similar entity" has the same meaning as in Section 4110 of the Civil Code.
- (j) "Community space" means an area designated by a property owner or a governmental agency to accommodate human foot traffic for civic, ceremonial, or other community events or social gatherings.
- (k) "Compliance daily per capita water use" means the gross water use during the final year of the reporting period, reported in gallons per capita per day.
- (l) "Disadvantaged community" means a community with an annual median household income that is less than 80 percent of the statewide annual median household income.
- (m) "Functional turf" means a ground cover surface of turf located in a recreational use area or community space. Turf enclosed by fencing or other barriers to permanently preclude human access for recreation or assembly is not functional turf.
- (n) "Gross water use" means the total volume of water, whether treated or untreated, entering the distribution system of an urban retail water supplier, excluding all of the following:
- (1) Recycled water that is delivered within the service area of an urban retail water supplier or its urban wholesale water supplier.
 - (2) The net volume of water that the urban retail water supplier places into long-term storage.
 - (3) The volume of water the urban retail water supplier conveys for use by another urban water supplier.
 - (4) The volume of water delivered for agricultural use, except as otherwise provided in subdivision (f) of Section 10608.24.
- (o) "Homeowners' association" means an "association" as defined in Section 4080 of the Civil Code.
- (p) "Industrial water user" means a water user that is primarily a manufacturer or processor of materials as defined by the North American Industry Classification System code sectors 31 to 33, inclusive, or an entity that is a water user primarily engaged in research and development.

- (q) “Institutional water user” means a water user dedicated to public service. This type of user includes, among other users, higher education institutions, schools, courts, churches, hospitals, government facilities, and nonprofit research institutions.
- (r) “Interim urban water use target” means the midpoint between the urban retail water supplier’s base daily per capita water use and the urban retail water supplier’s urban water use target for 2020.
- (s) “Large landscape” means a nonresidential landscape as described in the performance measures for CII water use adopted pursuant to Section 10609.10.
- (t) “Locally cost effective” means that the present value of the local benefits of implementing an agricultural efficiency water management practice is greater than or equal to the present value of the local cost of implementing that measure.
- (u) “Nonfunctional turf” means any turf that is not functional turf, and includes turf located within street rights-of-way and parking lots.
- (v) “Performance measures” means actions to be taken by urban retail water suppliers that will result in increased water use efficiency by CII water users. Performance measures may include, but are not limited to, educating CII water users on best management practices, conducting water use audits, and preparing water management plans. Performance measures do not include process water.
- (w) “Potable reuse” means direct potable reuse, indirect potable reuse for groundwater recharge, and reservoir water augmentation as those terms are defined in Section 13561.
- (x) “Potable water” means water that is suitable for human consumption.
- (y) “Process water” means water used by industrial water users for producing a product or product content or water used for research and development. Process water includes, but is not limited to, continuous manufacturing processes, and water used for testing, cleaning, and maintaining equipment. Water used to cool machinery or buildings used in the manufacturing process or necessary to maintain product quality or chemical characteristics for product manufacturing or control rooms, data centers, laboratories, clean rooms, and other industrial facility units that are integral to the manufacturing or research and development process is process water. Water used in the manufacturing process that is necessary for complying with local, state, and federal health and safety laws, and is not incidental water, is process water. Process water does not mean incidental water uses.
- (z) “Public water system” has the same meaning as defined in Section 116275 of the Health and Safety Code.
- (aa) “Recreational use area” means an area designated by a property owner or a governmental agency to accommodate human foot traffic for recreation, including, but not limited to, sports fields, golf courses, playgrounds, picnic grounds, or pet exercise areas. This recreation may be either formal or informal.
- (ab) “Recycled water” means recycled water, as defined in subdivision (n) of Section 13050.
- (ac) “Regional water resources management” means sources of supply resulting from watershed-based planning for sustainable local water reliability or any of the following alternative sources of water:

- (1) The capture and reuse of stormwater or rainwater.
- (2) The use of recycled water.
- (3) The desalination of brackish groundwater.
- (4) The conjunctive use of surface water and groundwater in a manner that is consistent with the safe yield of the groundwater basin.

(ad) "Reporting period" means the years for which an urban retail water supplier reports compliance with the urban water use targets.

(ae) "Turf" has the same meaning as defined in Section 491 of Title 23 of the California Code of Regulations.

(af) "Urban retail water supplier" means a water supplier, either publicly or privately owned, that directly provides potable municipal water to more than 3,000 end users or that supplies more than 3,000 acre-feet of potable water annually at retail for municipal purposes.

(ag) "Urban water supplier" has the same meaning as defined in Section 10617.

(ah) "Urban water use objective" means an estimate of aggregate efficient water use for the previous year based on adopted water use efficiency standards and local service area characteristics for that year, as described in Section 10609.20.

(ai) "Urban water use target" means the urban retail water supplier's targeted future daily per capita water use.

(aj) "Urban wholesale water supplier" means a water supplier, either publicly or privately owned, that provides more than 3,000 acre-feet of water annually at wholesale for potable municipal purposes.

SEC. 4. Chapter 2.5 (commencing with Section 10608.14) is added to Part 2.55 of Division 6 of the Water Code, to read:

CHAPTER 2.5. Nonfunctional Turf

10608.14. (a) The use of potable water for the irrigation of nonfunctional turf located on commercial, industrial, and institutional properties, other than a cemetery, and on properties of homeowners' associations, common interest developments, and community service organizations or similar entities is prohibited as of the following dates:

- (1) All properties owned by the Department of General Services, beginning January 1, 2027.
- (2) All properties owned by local governments, local or regional public agencies, and public water systems, except those specified in paragraph (5), beginning January 1, 2027.
- (3) All other institutional properties and all commercial and industrial properties, beginning January 1, 2028.
- (4) All common areas of properties of homeowners' associations, common interest developments, and community service organizations or similar entities, beginning January 1, 2029.

(5) All properties owned by local governments, local public agencies, and public water systems in a disadvantaged community, beginning January 1, 2031, or the date upon which a state funding source is made available to fund conversion of nonfunctional turf on these properties to climate-appropriate landscapes, whichever is later.

(b) Notwithstanding subdivision (a), the use of potable water is not prohibited by this section to the extent necessary to ensure the health of trees and other perennial nonturf plantings, or to the extent necessary to address an immediate health and safety need.

(c) The board may, upon a showing of good cause for reasons including economic hardship, critical business need, and potential impacts to human health or safety, postpone a compliance deadline in subdivision (a) by up to three years for certain persons, institutions, and businesses, and may create a form to be used for compliance certification to the board by property owners.

(d) Public water systems shall, by no later than January 1, 2027, revise their regulations, ordinances, or policies governing water service to include the requirements of subdivisions (a) and (b), as revised by the board pursuant to subdivision (c), and shall communicate the requirements to their customers on or before that date.

(e) (1) An owner of commercial, industrial, or institutional property with more than 5,000 square feet of irrigated area other than a cemetery shall certify to the board, commencing June 30, 2030, and every three years thereafter through 2039, that their property is in compliance with the requirements of this chapter.

(2) An owner of a property with more than 5,000 square feet of irrigated common area that is a homeowners' association, common interest development, or community service organization or similar entity shall certify to the board, commencing June 30, 2031, and every three years thereafter through 2040, that their property is in compliance with the requirements of this chapter.

(f) Noncompliance by a person or entity with this chapter or regulations adopted thereunder shall be subject to civil liability and penalties set forth in Section 1846, or to civil liability and penalties imposed by an urban retail water supplier pursuant to a locally adopted ordinance or policy.

(g) (1) A public water system, city, county, or city and county may enforce the provisions of this chapter.

(2) To avoid duplication of enforcement, any entity identified in paragraph (1) that is not a retail public water system shall notify the retail public water system 30 days prior to enforcement of the provisions of this chapter against a property served by such system.

(3) Nothing in paragraph (2) shall preclude enforcement by any entity identified in paragraph (1) once adequate notice is given.

(h) The department shall, when using funds appropriated for water conservation for turf replacement, prioritize financial assistance for nonfunctional turf replacement to public water systems serving disadvantaged communities and to owners of affordable housing.

(i) The department shall utilize the saveourwater.com internet website and outreach campaign to provide information and resources on converting nonfunctional turf to native vegetation.

(j) The Governor's Office of Business and Economic Development shall support small and minority-owned businesses that provide services that advance compliance with this chapter.

SEC. 5. Section 10608.22 of the Water Code is amended to read:

10608.22. Notwithstanding the method adopted by an urban retail water supplier pursuant to Section 10608.20, an urban retail water supplier's per capita daily water use reduction shall be no less than 5 percent of base daily per capita water use as defined in paragraph (3) of subdivision (c) of Section 10608.12. This section does not apply to an urban retail water supplier with a base daily per capita water use at or below 100 gallons per capita per day.

Attachment 2
Photos for Wildflower Pilot Program



B3503

Attachment 3



B3486

Transition Plant List

Current Plant	Switch to	Light/ Shade
Acer Palmatum		
Aenium Green Rose		
Aenium Green Rose		
Aeonium Arboreum Red		
Aeonium Arboreum Red		
Aeonium Giant Green		
Aeonium Giant Green		
Aeonium Purple		
Aeonium Purple		
Aeonium Tree Houseleeks Alto		
Aeonium Tree Houseleeks Alto		
Aeonium Undulatum		
African Daisy		
African Milk Bush		
Agapanthus Africanus Blue		
Agapanthus Petter Pan Blue		
Agapanthus Queen Anne Blue		
Agapanthus Queen Anne Blue		
Agapanthus Tinkerbell		
Agave Attenuata		
Agave Attenuata		
Agave Attenuata		
Aloe Stratia		
Aralia Sieboldii		
Arbutus Marina Multi		
Bacopa Conseil		
Bauhinia Purpurea		
Bauhinia White Tree		
Begonia Richmondensis		
Bird of Paradise		
Bird of Paradise		
Bougainvillea Barbara Karst		
Bougainvillea Barbara Karst (trellis)		
Bougainvillea Purple		
Bougainvillea purple		
Bougainvillea Purple Queen		
Bougainvillea purple queen		
Bougainvillea Rosenka		
Bougainvillea San Diego Red		
Bougainvillea Torch Glow		
Boxwood Green Beauty		
Boxwood Japanese		
Boxwood Japanese		
Brunfelsia Pauciflora		
Calandrina Grandiflora		
California Pepper Tree		

Callistemon Jeffersii		
Callistemon Jeffersii		
Callistemon Lanceolatus		
Callistemon lanceolatus		
Callistemon Little John		
Camphor Tree		
Camphor Tree		
Carissa Boxwood Beauty		
Carissa Macrocarpa Green		
Carissa Macrocarpa Green Carpet		
Carolina Cherry		
Carolina Cherry Bush		
Carolina Cherry Bush		
Carolina Cherry Tree		
Ceanothus Yankee Point		
Cistus Pink		
Clivia Miniata		
Coleos Purpo		
Coleos Red		
Crape Myrtle Pink		
Crape Myrtle Purple		
Crape Myrtle Red		
Crape Myrtle White		
Cuphea		
Dianella Revoluta Little Rev		
Dianella Tasmanica		
Dianella Tasmanica Silver Streak		
Dodonaea Viscosa Purpurea		
Dracaena Draco Yucca		
Duranta Erecta		
Durantta Erecta Patio Tree		
Dwarf Bottlebrush		
Dwarf Carpet of Stars		
Dwarf Coyote Brush		
Dymondia		
English Ivy		
Eremophila Maculata Yellow		
Eremophila Racemosa		
Eriophyllum Pink		
Euonymus Green Spire		
Euonymus Green Spire		
Euonymus Japonica		
Euonymus Japonicus		
Euonymus Variegated White		
Euonymus Variegated White		
Euphorbias		
Euryops Pectinatus		

Euryops Pectinatus		
Festuca Glauca Blue		
Festuca Mairei		
Fox Tail Agave		
Galvicia Espasiosa		
Gazania Orange		
Gazania Yellow		
Geranio Pink		
Geranio Red		
Graptopetalum paraguayense 'Pinky'		
Hedgehog Aloe		
Hedgehog aloe		
Hemerocallis Orange		
Hemerocallis Stella Red		
Hemerocallis Yellow		
Hemerocallis Yellow		
Hesperaloe Parviflora		
Hesperaloe Parviflora		
Hibiscus Brilliant Red		
Hibiscus Butterfly		
Hibiscus Lipstick		
Hibiscus Red Dragon		
Hibiscus Red Dragon Patio Tree		
Hibiscus Syriacus		
Hibiscus Syriacus Patio Tree		
Hydrangea		
Ice Plant Purple		
Jacaranda Purple		
Jacobina Pink		
Juniper Blue Point		
Juniper Blue Point		
Juniper Spartan		
Juniper Spartan		
Juniper Tiny Tower		
Kalanchoe Pink Butterfly		
Kangaroo Paw Red		
Kangaroo Paw Yellow Gem		
Kurapia Pink		
Lagerstroemia Indica Red		
Lagerstroemia Muskagee Red		
Lagerstroemia Muskogee Purple Multi		
Lagerstroemia Purple		
Lagerstroemia Purple Tree		
Lagerstroemia Red Multi		
Lagerstroemia Red Tree		
Lagerstroemia White		
Lantana Christiana Patio Tree		

Lantana Dallas Red Patio Tree		
Lantana Irene		
Lantana New Gold		
Lantana Purple		
Lantana red sprat		
Lantana red spread		
Lantana red spread		
Lantana White		
Leptospermum Ruby Glow Red		
Leptospermum Ruby Glow Red Bush		
Leptospermum Ruby Glow Pink Bush		
Leptospermum Ruby Glow Pink Pot		
Leptospermum Ruby Glow White Bush		
Ligustrum Texanum		
Ligustrum texanum		
Ligustrum Texanum		
Ligustrum Vulgare		
Lily Yellow		
Limonium Perezii		
Liriope Gigantea		
Lonicera Japonica		
Loropetalum		
Metrosideros Excelsa		
Metrosideros excelsa		
Mexican Honeysuckle Justisia		
Mexican Honeysuckle Justisia		
Myoporum - Putah Creek Pink		
Myoporum Parvifolium White		
Nandina Domestica		
Nandina Domestica		
Nandina Gulf Stream		
Nandina Nana Dwarf		
Orchid Tree		
Palo Verde Multi		
Pandorea Jasminoides Pink (trellis)		
Pelargonium Variegata		
Philodendron Xanadu		
Phoenix Roebelenii		
Phoenix Roebelenii		
Pink Rockrose		
Pistacia Chinensis Tree		
Pittosporum Cream De Mint		
Pittosporum Tobira Variegata		
Pittosporum Variegated Bush		
Pittosporum Wheelers		
Plumbago Auriculata Imperial		
Plumbago Auriculata Imperial		

Plumeria Pink		
Plumeria Red		
Plumeria Yellow		
Plumeria Yellow		
Podocarpus Gracilior		
Podocarpus Henkelii		
Podocarpus Macrophyllus		
Podocarpus Microphylla		
Portulacaria Afra		
Rhaphiolepis Ballerina		
Rhaphiolepis Clara		
Rhaphiolepis Majestic Beauty		
Rhaphiolepis majestic beauty		
Rhaphiolepis Pink Lady		
Rhaphiolepis pink lady		
Rhaphiolepis Pink Lady Patio Tree		
Rhaphiolepis Pink Lady Patio Tree		
Rhaphiolepis Pinkie		
Rhaphiolepis Umbellata Minor		
Rhaphiolepis Umbellata Minor		
Rockrose Pink		
Rockrose White		
Rockrose White		
Rose Carpet Pink		
Rose Carpet Red		
Rose Carpet White		
Rose Iceberg Burgandy		
Rose Iceberg Burgandy Patio Tree		
Rose iceberg burgendy		
Rose Iceberg Red		
Rose iceberg red		
Rose Iceberg Red Patio Tree		
Rose Iceberg White		
Rose iceberg white		
Rose Iceberg White Patio Tree		
Rose Trumpeter Red		
Rosemary Prostrata		
Russelia Equisetiformis		
Sago Palm		
Salvia Mexican Sage		
Schefflera Arboricola		
Schefflera arboricola		
Senecio		
Senecio Serpens Dwarf Blue		
Solano Rantonneti		
Solanum Rantonneti		
Solanum rantonneti		

Solanum Rantonnetii Patio Tree		
Star Jasmine		
Star Jasmine (trellis)		
Tabebuia Tree		
Tabebuia Tree		
Tecoma Bells of Fire		
Tecoma Stans		
Tecoma stans		
Tecoma Stans Yellow		
Tecoma Stans Yellow Patio Tree		
Tecoma Sunrise Patio Tree		
Teucrium Chamaedrys		
Texas Sage		
Tradescantia Pallida Purpurea		
Trumpet Vine Red		
Tulbaghia Silver Lace		
Tulbaghia Violacea		
Zaponaria		